NMCI NAVY MARINE CORPS INTRANET

Applications Management Division

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NMCI Applications Management Process and Guidance

The NMCI Release Management Process is jointly managed by the Functional Area Manager (FAM), Naval Network Warfare Command (NNWC), and the Navy PMO. Primary focus is NMCI and the aspects of release management that directly affect sustainment of existing applications, deployment of new (emerging) applications, and installation of existing applications in the Post-Transition/Steady State environment.

LEGACY APPLICATIONS TRANSITION GUIDE (LATG)

The LATG presents a complete baseline overview of the Legacy Applications Rapid Certification Phase of the Legacy Applications Transition Process. It is for NMCI customers involved with transition activities. The Guide describes in detail the roles and responsibilities of the organizations and positions involved in transitioning Legacy Applications through the Rapid Certification Phase.

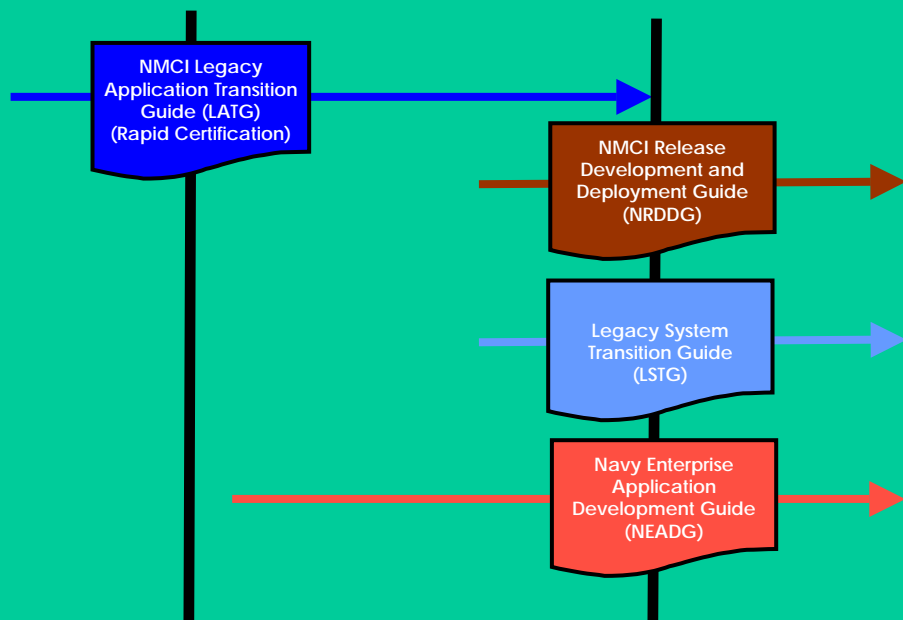## LEGACY SYSTEMS TRANSITION GUIDE (LSTG)

The LSTG provides both an approach and the associated processes to successfully transition systems from legacy environments to the NMCI environment while maintaining or improving system performance and availability. The LSTG provides the Site Representative, Central Design Authority (CDA), and the Program of Record/Program Manager with the unique processes, tools, templates, and documentation guidelines to plan and execute the transition of their respective systems to the NMCI environment.

Navy Enterprise and NMCI Process Guides

Navy Legacy Environment — **NMCI Legacy Application Transition** — **NMCI Post Transition & Sustained Operations**

- NMCI Legacy Application Transition Guide (LATG) (Rapid Certification)
- NMCI Release Development and Deployment Guide (NRDDG)
- Legacy System Transition Guide (LSTG)
- Navy Enterprise Application Development Guide (NEADG)

NMCI Process Guides Lifecycle

NMCI RELEASE DEVELOPMENT AND DEPLOYMENT GUIDE (NRDDG)

The NRDDG is a consolidated source of information, guidance and direction for developers and application owners who build and/or modify applications as well as for the acquirers of applications intended for use within NMCI. As a supplement to the NEADG, the NRDDG is written to support the Central Design Authority in the development and deployment of releases that will operate within NMCI.

NAVY ENTERPRISE APPLICATION DEVELOPMENT GUIDANCE (NEADG)

The NEADG provides detailed information and direction to developers tasked with migrating applications, content, and services into the DON Enterprise IT Environment. This effort seeks to align current software development community practices within the Navy and Marine Corps with the best practice vision embraced by the DON and DOD.

For further information, comments, or input to this QRG, please contact CDR Brion Tyler, brion.tyler@navy.mil
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~ The NMCI Software Configuration Management (NSCM) Organization ~

The NMCI Software Configuration Management (NSCM) Organization as an agent of NETWARCOM, that facilitates the test, certification, and deployment of application releases to the post-transition NMCI enterprise. The NMCI Release Deployment Process is defined and governed in the NMCI Release Development and Deployment Guide (NRDDG). The NSCM Organization receives Request To Deploy (RTD) documents submitted by application developers and schedules the underlying application release for submission to the EDS certification facility. Once the application media and supporting documentation is reviewed and approved, the NSCM Organization monitors the progression of the application release through the test, certification, and deployment process.
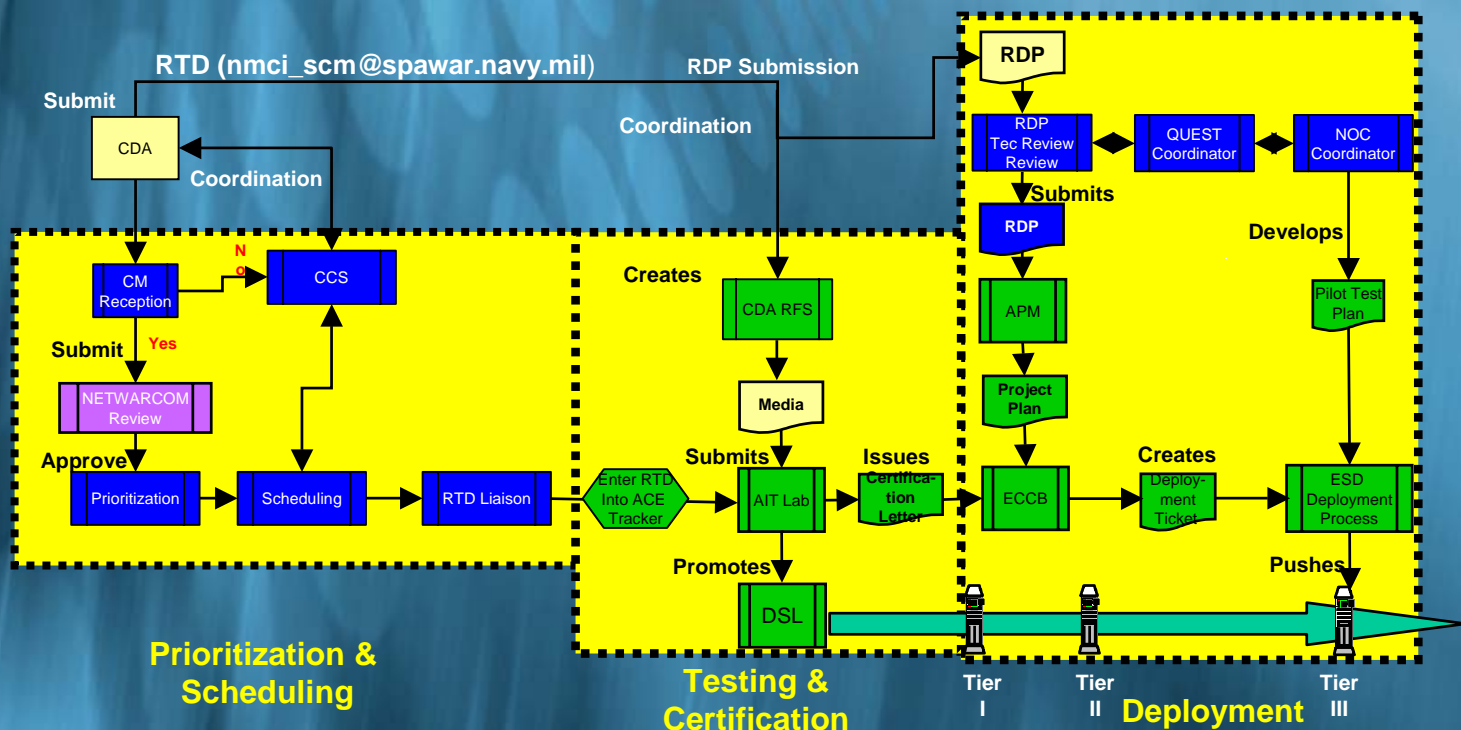
The NSCM Organization consists of four activities:

Claimant CDA Support (CCS) – Supports the submission of application releases for the NMCI test and certification process. CSS personnel work closely with application developers with the creation of supporting documentation (RTD, RDP, IATO, etc) and media submission to EDS. CCS personnel provide training and critical liaison activities between the application developer and the PMO, NNWC, and EDS.
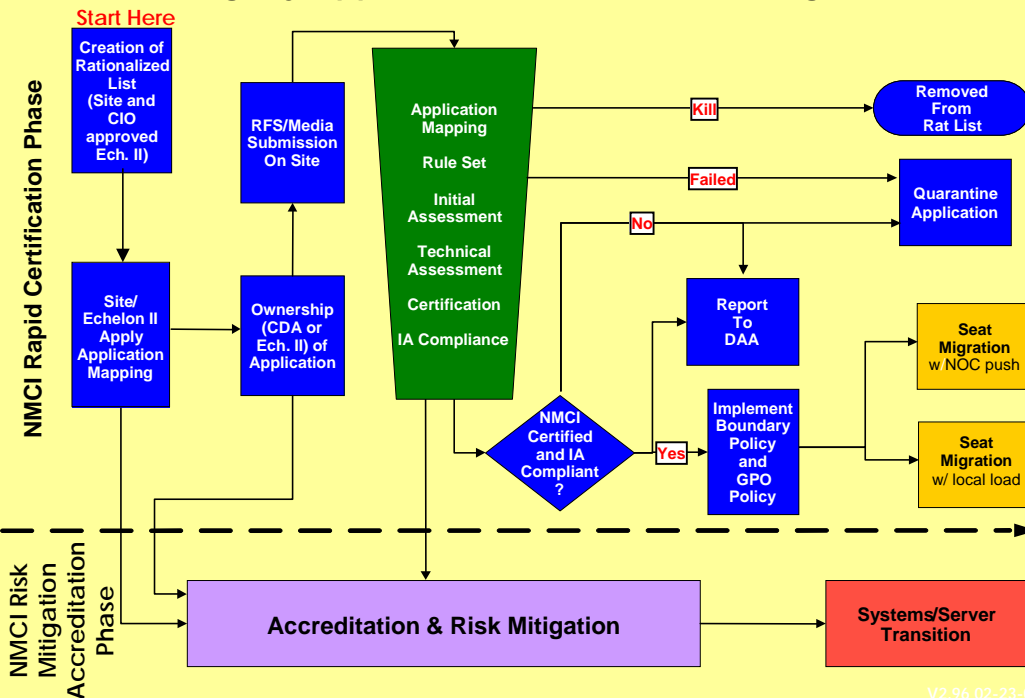
NSCM Support – Reviews, audits, prioritizes, schedules, and manages documentation supporting the underlying applications submitted through the RTD process.

Quarantine, Upgrade and Emerging Applications Support Team Support (QUEST) – Supports the deployment of application upgrades and emerging applications as they move through the RTD process. Quest provides training and coordination between NMCI LAPOC/CTR, EDS, and NMCI PMO personnel to expedite the deployment of remediated quarantined application solutions, application upgrades, and emerging applications to NMCI workstations. The QUEST Team provides field representatives throughout CONUS and Hawaii and are centrally managed from the NSCM Organization in San Diego, CA. The Dual Desktop Field Representatives (DDFR) provide dual desktop reduction support through the identification of enterprise application solutions to quarantine applications, process education , and reporting.

PMO Pre-certification Facility (PPF) – The PPF supports post transition application requirements. Application developers must provide their media to the PPF in San Diego, CA as the first step in the test and certification process. The PPF verifies functional compliance with the NMCI environment, identifies application dependencies, and interoperability with NMCI Gold Disk applications with the ultimate objective of providing an advanced Publisher .msi package for follow-on certification.

RTD (nmci_scm@spawar.navy.mil) · **RDP Submission** · **RDP**

Submit · CDA · Coordination · Coordination

RDP Tec Review Review · QUEST Coordinator · NOC Coordinator

CM Reception · No · CCS · **Creates** · CDA RFS · **Submits** · RDP · **Develops** · Pilot Test Plan

Submit · Yes · NETWARCOM Review · Media · APM · Project Plan

Approve · Prioritization · Scheduling · RTD Liaison · Enter RTD Into ACE Tracker · AIT Lab · **Submits** · **Issues** Certifica-tion Letter · **Creates** ECCB · Deploy-ment Ticket · ESD Deployment Process

Promotes · DSL · **Pushes**

Prioritization & Scheduling · **Testing & Certification** · Tier I · Tier II · **Deployment** · Tier III

For further information, comments, or input to this QRG, please contact CDR Brion Tyler, brion.tyler@navy.mil
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Legacy Applications Funnel Process Diagram

NMCI Rapid Certification Phase

Start Here

Creation of Rationalized List (Site and CIO approved Ech. II)

RFS/Media Submission On Site

Application Mapping / Rule Set / Initial Assessment / Technical Assessment / Certification / IA Compliance

Kill → Removed From Rat List

Failed → Quarantine Application

No

Site/Echelon II Apply Application Mapping

Ownership (CDA or Ech. II) of Application

Report To DAA

Seat Migration w NOC push

Seat Migration w/ local load

NMCI Certified and IA Compliant? — Yes → Implement Boundary Policy and GPO Policy

NMCI Risk Mitigation Accreditation Phase

Accreditation & Risk Mitigation → Systems/Server Transition

This diagram depicts the end-to-end transition process showing the major Command and Contractor deliverables. It breaks down the Rapid Certification Phase into smaller processes describing the "life of a transitioning application." For more information about the funnel process and Legacy Applications, visit : http://www.nmci-isf.com/transition.htm#Transition Risk Mitigation enforces the acceptable level of risk that the NMCI Designated Approval Authority (DAA) will accept for transitioning a legacy system into NMCI. For more about Risk Mitigation & System Transition, please reference the Legacy System Transition Guide (LSTG).

Legacy Applications

These are applications in use today at your site by people performing the mission or business of the Department of the Navy. Legacy applications are NOT part of the standard seat services (also known as the Gold Disk), nor do they duplicate any of the applications on the Gold Disk provided by EDS. For a complete listing of Gold Disk applications, go to the NMCI EDS web site at http://www.nmci-isf.com/downloads/Gold_disk_contents.pdf

Rule Set: Application of rules within which all NMCI applications will comply. Failure to do so will lead to a quarantine application or rejection for deployment. For a description and more details on the Rule Set, go to the DON Application & Database Management System (DADMS) website at https://www.dadms.navy.mil and click on the Policy & Guidance link

FAM Approval: For "NEW NMCI STRATEGY" and instructions on submitting applications to the FAM, go to the DADMS website at https://www.dadms.navy.mil and click on the Policy & Guidance link

Ref: VCNO Msg 252230Z Jul 03 Subject: Strategy for Managing Applications and Databases in NMCI

NMCI 14 Rule Sets	Quarantine?
Windows 2000 (W2K) Compatible	Yes - No more than six months
NMCI Group Policy Object (GPO) Compatible	Yes - No more than six months
No Duplication of Gold Disk Software or Services	No - Not Authorized on NMCI
Comply with DON/NMCI Boundary 1 and 2 Policies	Yes - No more than six months
No Set-up, Installation, Uninstallation, Update and Auto Update Tools or Utilities	No - Not Authorized on NMCI
No Games	No - FAM Auth for Sim, Mod, Trng
No Freeware or Shareware	No - Not Authorized on NMCI
No Beta/Test Software (Authorized on S&T Seats Only)	No - Not Authorized on NMCI
No Application Development Software (Authorized on S&T Seats Only)	No - Not Authorized on NMCI
No Agent Software	No - Not Authorized on NMCI
Gold Disk Compatible	Yes - No more than six months
No Peripherals, Peripheral Drivers or Internal Hardware	No - Not Authorized on NMCI
No Personal, Non-Mission, or Non-Business Related Software	No - Not Authorized on NMCI
No 8/16 Bit Applications	No - deployed with FAM approval

NMCI Release Deployment Process Document Deliverables
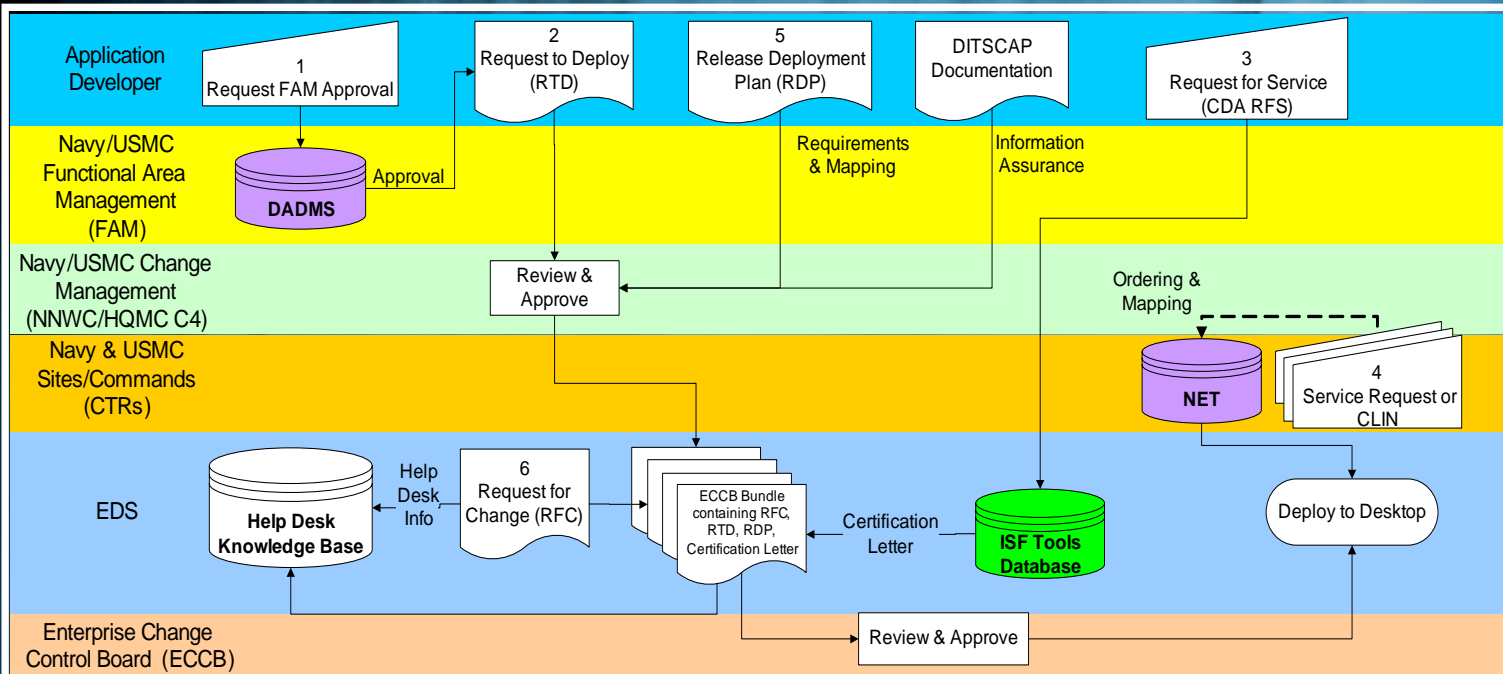
Application Decision Logic Table

Application Type	NMCI Environ.		NRDDG	ECCB	Certification & Accreditation (C&A)		
	In	Out			New	Update	Local
Stand-Alone Desktop	✓		✓ (1)	✓ (2)	✓	✓	✓ (3)
		✓		(4)			✓ (5)
New Web No Impact Desktop	✓			✓	✓		
		✓		(6)	(7)		
New Web w/ Impact Desktop	✓	✓	✓ (1)	✓ (8)	✓	✓ (9)	
Existing Web No Impact Desktop	✓	✓		(6)		(7)	✓
Existing Web w/ Impact Desktop	✓	✓	✓ (1)	✓ (8)		✓ (9)	
New Client/Server	✓	✓	✓ (1)	✓ (2 &10)	✓	✓ (9)	
Existing Client/Server (Server Content Only)	✓	✓		(6)			✓
Existing Client/Server w/ other changes	✓	✓	✓ (1)	✓ (2 &10)		✓ (9)	
New Server	✓	✓	✓ (1)	✓ (10)	✓	✓ (9)	
Existing Server (Server Content Only)	✓	✓					✓
Existing Server w/ other changes	✓	✓	✓ (1)	✓ (2&10)		✓ (9)	

1. Requires RTD and Request for Service (RFS).
2. All software on NMCI seats must undergo Certification and Change Control Management (CCM) prior to deployment.
3. All simple releases that successfully complete Packaging, Testing, and Certification are granted an ATO by the Navy NMCI DAA.
4. Application is not installed within NMCI.
5. C&A by DAA per COMNAV NNWC msg 071455Z Aug 03 Subj: Navy Designated Approval Authority Assumption.
6. Web server outside of NMCI and does not require reviews.
7. All Navy Commands are required to follow DITSCAP procedures for C&A of their application.
8. Web application impacts the NMCI desktop. Desktop attributes must undergo Certification and CCM prior to deployment.
9. All complex releases that successfully complete Packaging, Testing, and Certification are granted an IATO by the Navy NMCI DAA.
10. All hardware/software changes that impact NMCI environment must undergo CCM approval.

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The Three R's of NMCI (RTD, RDP, & RRPTE)

Request to Deploy (RTD)
The RTD is the only authorized means for approving and deploying a release into NMCI. Naval Network Warfare Command (NNWC) is the designated approval authority for all releases submitted for deployment. The NMCI Release Prioritization Manager (NRPM) and NMCI Release Scheduling Manager (NRSM) meet quarterly to process submitted RTDs for deployment during the next three quarters. The two types of releases are planned release and unplanned release. Refer to http://www.nmci.navy.mil for more details.

RTD Cancellation Policy
The RTD will be cancelled if the developer fails to comply with the submission of required documentation, media, or other Government Furnished Information (GFI) or fails to meet the required Government milestones:

➢ Media submission date

➢ Certification letter (unplanned RTD = 20 days; planned RTD = 45 days after media submission)

➢ Completed RDP

When an application misses a major deliverable date, NSCM sends a compliance notice to the developer by e-mail and phone to submit an unplanned RTD within 48 hours or a planned RTD within 2 weeks. If the developer still does not comply, the RTD is cancelled and must be resubmitted.

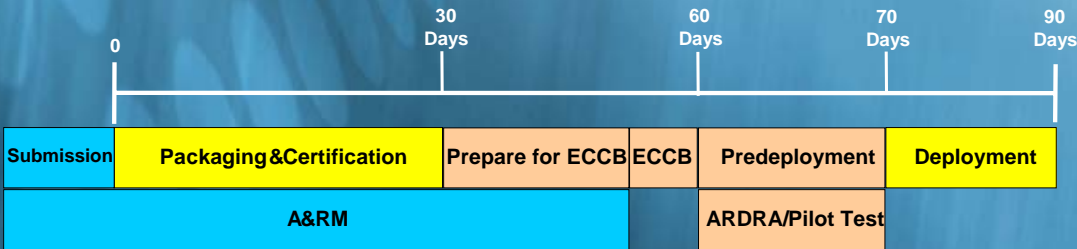### Release Deployment Plan (RDP)
The RDP provides a complete history of the release from inception through deployment. It contains all documentation used throughout the process, including reengineering or fixes made to satisfy testing and compliance requirements. The plan also documents if certain functions of the release do not work. The developer is responsible for the development and maintenance of the plan. The developer should use existing documentation where possible, and only create or capture information not previously available.

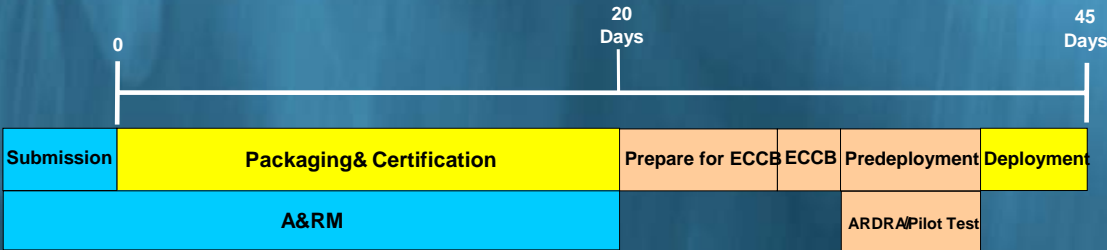### Requesting Release in the Post-Transition Process Environment (RRPTE)
A site that has completed Cutover or is operating in the post-transition environment uses RRPTE to obtain a release that has already been tested and certified and is ready for deployment in the NMCI environment.

Certification & Deployment Timeline (Notional)

Planned Release (90-calendar days)
The planned release includes annual releases based on business changes and planned point releases based on both business and technical changes.

	0	30 Days	60 Days	70 Days	90 Days
	Submission	Packaging&Certification	Prepare for ECCB / ECCB	Predeployment	Deployment
	A&RM			ARDRA/Pilot Test	

Unplanned Release (45-calendar days)
Unplanned releases are based on technical changes.

	0	20 Days			45 Days
	Submission	Packaging& Certification	Prepare for ECCB / ECCB	Predeployment	Deployment
	A&RM			ARDRA/Pilot Test	

Useful References For detailed information about NMCI, please visit the below listed websites:

Navy NMCI - information for the Navy.   Specific information includes:
- Legacy Applications
- Transition Tools
- Deployables

Playbook
Contract Information
Enterprise Process

Lessons Learned
Information Assurance/Security
NMCI Enterprise Tool (NET)

http://www.nmci.navy.mil

EDS NMCI - provides information from EDS. Specific information includes:
- Legacy Applications
- User Information

Making the Transition
Services/User Information

http://www.nmci-isf.com

ISF Tools – The authoritative source for Legacy Application Information and application certification status information (user ID and password required). Specific Information Includes:
- Rationalized List
- Certification Status Definitions

Contact Information
Tools User Guides

https://usplswebh0ab.plano.webhost.eds.net/isftool/Login.jsp

Legacy Applications Transition Guide (LATG) – provides a comprehensive description of the process for transitioning legacy applications to the NMCI environment and provides practical guidance for everyone involved with legacy application issues.

http://www.nmci-isf.com/transition.htm#transition

NMCI Release Development and Deployment Guide (NRDDG) – provides detailed information and guidance to developers interested in migrating content, introducing new applications or changing existing applications within NMCI.

http://www.nmci-isf.com/transition.htm#Release

Naval Network Warfare Command (NNWC) – To act as the Navy's central operational authority for space, information technology requirements, network and information operations in support of naval forces afloat and ashore; to operate a secure and interoperable naval network that will enable effects-based operations and innovation; to coordinate and assess the Navy operational requirements for and use of network/command and control/information technology/information operations and space; to serve as the operational forces' advocate in the development and fielding of information technology, information operations and space and to perform such other functions and tasks as may be directed by higher authority.

http:www.netwarcom.navy.mil

Request to Deploy (RTD) Submissions	nmci_scm@spawar.navy.mil	Claimant CDA Support (CCS) assistance
Required Deployment Plan (RDP) Submissions	nmci_scm@spawar.navy.mil	Claimant CDA Support (CCS) assistance/QUEST support
Application Mapping Submissions	nmci_scm@spawar.navy.mil	Claimant CDA Support (CCS) assistance/QUEST support

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